

PATENT
IBM Docket No. RSW9-2000-0038US1

Changes in the Specification

Please rewrite the paragraph beginning at page 7, line 7 as follows:

“ Figure 2 depicts the communications between the client and the server with respect to the password exchange. The client 201 first sends the uscrd and a random number (nonce - rc) 205 to the server 203. The server 203 then sends a random number (nonce - rs) 207 to the client 201. The client 201 responds to the server 203 by sending the userid and an authentication token 209 where the authentication token is a hash of an idpw_digest, rc and rs and the idpw_digest is a hash of the userid and the password. The server then checks the validity of the authentication token using the servers copies of the idpw_digest, rc and rs. The client is notified whether access is granted or denied 211. In this way the server can securely authenticate the user without having to actually know the password itself.”